

<b>Examiner-Initiated Interview Summary</b>	Application No.	Applicant(s)	
	09/829,834	EDWARDS ET AL.	
	Examiner	Art Unit	
	Trenton J. Roche	2193	

**All Participants:**

- (1) Trenton J. Roche.
- (2) Joan Pennington, Reg. No. 30,885.

**Status of Application:** \_\_\_\_\_

- (3) \_\_\_\_\_
- (4) \_\_\_\_\_

**Date of Interview:** 21 February 2007
**Time:** 4pm
**Type of Interview:**

- ☒ Telephonic
- ☐ Video Conference
- ☐ Personal (Copy given to: ☐ Applicant ☐ Applicant's representative)

Exhibit Shown or Demonstrated: ☐ Yes ☒ No

If Yes, provide a brief description:

**Part I.**

Rejection(s) discussed:

102, 101

Claims discussed:

1-14

Prior art documents discussed:

Adusumilli

**Part II.**

SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:

See Continuation Sheet

**Part III.**

- ☒ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.
- ☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

  
**MENG-LI AN**  
**ADVISORY PATENT EXAMINER**  
**ROOM 2100**



(Examiner/SPE Signature)

(Applicant/Applicant's Representative Signature – if appropriate)

Continuation of Substance of Interview including description of the general nature of what was discussed: The Examiner contacted Applicants' representative noting that some minor changes could be made to the claims to put the application in condition for allowance. Specifically, the Examiner noted that indicating that the defined length and location are stored within a same identifier object would help to better define the instant application and obviate the rejection under Adusumilli. Furthermore, the Examiner noted that some language changes would be necessary for 101 purposes, and proposed changing the claim to positively state that the data structure definition is used to parse and generate data structures, rather than simply being "used for" parsing and generating. Applicants' representative agreed to the changes and the Examiner will enter them via Examiner's Amendment..

**PATENT**

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: EDWARDS et al.

Application: METHOD, COMPILER AND PLATFORM INDEPENDENT FRAMEWORK  
FOR PARSING AND GENERATING DATA STRUCTURES

Serial No.: 09/829,834

Filing Date: April 10, 2001

Art Unit: 2124

Examiner: Trenton J. Roche

Case: ROC920010078US1

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535 North Michigan Avenue  
Unit 1804  
Chicago, Illinois 60611

Mail Stop **AMENDMENT**  
Honorable Commissioner Of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Telephone Interview of February 21, 2007, please  
amend the above-identified application as discussed with the Examiner as follows:

**In the Claims:**

Claims 1,7-10, and 14 to be amended by Examiner amendment as follows:

1. (currently amended) A computer-implemented method for parsing and generating data structures for use by data processing applications in a computer system comprising the steps of:

utilizing sizeof and offsetof functions, defining a length and a location of each parameter of a data structure; and

storing said defined length and said defined location of each said parameter of the data structure within ~~an~~ a same identifier object in a data structure definition; said data structure definition ~~used for parsing and generating~~ to parse and generate data structures.

2. (original) A method for parsing and generating data structures as recited in claim 1 wherein the data structure is an ATM information element (IE) and wherein the step of utilizing sizeof and offsetof functions, defining a length and a location of each parameter of a data structure includes the step of utilizing sizeof and offsetof functions, defining a length and a location of each data parameter of said ATM information element (IE).

3. (previously presented) A method for parsing and generating data structures as recited in claim 2 wherein said ATM information element (IE) is a Connection Identifier IE and wherein the step of utilizing sizeof and offsetof functions, defining a length and a location of each parameter of a data structure includes the step of utilizing

sizeof and offsetof functions, defining a length and a location of each data parameter of said Connection Identifier IE.

4. (original) A method for parsing and generating data structures as recited in claim 3 includes the step of utilizing sizeof and offsetof functions, defining a length and a location of a preferred/exclusive parameter.

5. (original) A method for parsing and generating data structures as recited in claim 3 includes the step of utilizing sizeof and offsetof functions, defining a length and a location of a virtual path connection identifier (VPCI) parameter.

6. (original) A method for parsing and generating data structures as recited in claim 3 includes the step of utilizing sizeof and offsetof functions, defining a length and a location of a virtual channel identifier (VCI) parameter.

7. (currently amended) A method for parsing and generating data structures as recited in claim 4 wherein the step of storing said length and said location of each said parameter of the data structure within an a same identifier object in a data structure definition includes the steps of storing said length and said location of said preferred/exclusive parameter in a preferred/exclusive parameter identifier object in said data structure definition.

8. (currently amended) A method for parsing and generating data structures as recited in claim 5 wherein the step of storing said length and said location of each said parameter of the data structure within an a same identifier object in a data structure definition includes the steps of storing said length and said location of said

virtual path connection identifier (VPCI) parameter in a VPCI parameter identifier object in said data structure definition.

9. (currently amended I) A method for parsing and generating data structures as recited in claim 6 wherein the step of storing said length and said location of each said parameter of the data structure within an a same identifier object in a data structure definition includes the steps of storing said length and said location of said virtual channel identifier (VCI) parameter in a VCI parameter identifier object in said data structure definition.

10. (currently amended) A compiler and platform independent framework for parsing and generating data structures used by data processing applications in a computer system comprising:

means for defining a length and a location of each parameter of a data structure utilizing sizeof and offsetof functions; and

means for storing said defined length and said defined location of each said parameter of the data structure within an a same identifier object in a data structure definition; said data structure definition used for parsing and generating to parse and generate data structures.

11. (original) A compiler and platform independent framework for parsing and generating data structures as recited in claim 10 is used by procedural table-driven or object rules-driven methods for parsing and generating data structures.

12. (original)        A compiler and platform independent framework for parsing and generating data structures as recited in claim 10 is used for parsing and generating of protocol data units (PDUs) in data communication messages.

13. (original)        A compiler and platform independent framework for parsing and generating data structures as recited in claim 10 is used for parsing and generating of control code for writing and reading headers for data storage.

14. (currently amended)    A computer program product for parsing and generating data structures for use by data processing applications in a computer system, said computer system having a processor; a memory controller coupled to said processor by a system bus; a main memory coupled to said memory controller; said computer program product including a plurality of computer executable instructions stored on a computer readable medium, wherein said instructions, when executed by said computer system, cause said computer system to perform the steps of:

utilizing sizeof and offsetof functions, defining a length and a location of each parameter of a data structure; and

storing said defined length and said defined location of each said parameter of the data structure within an a same identifier object in a data structure definition; said data structure definition used for parsing and generating to parse and generate structures.

Serial No. 09/829,834

Respectfully submitted,

S-signature by

\_\_\_\_\_/Joan Pennington/\_\_\_\_\_  
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February 22, 2007